US ARMY PEO EIS
PEO Enterprise Information Systems

Project Manager
Transportation Information Systems

TC-AIMS II Fielding Command Gaining Command Briefing Fort Carson

12 July 2006

Presented by
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Chief, Fielding Operations

Purpose

- Conduct FC/GC brief to overview how TC-AIMS II will assist Command in meeting requirements of their deployment business process, and coordinate essential material, personnel and facilities support required to accomplish this fielding
- Initiate Memorandum of Agreement (MoA) process, develop draft document, and coordinate key milestones for completion
- Schedule of activities leading to training and identifying outstanding issues and concerns

Agenda

- Transportation Information Systems (TIS)
- TC-AIMS II requirements and acquisition strategy
- TC-AIMS II Capabilities
- TC-AIMS II Basis of Issue

PM Transportation Information Systems

PM TIS Focus

Mission:

Develop, field and support Enterprise Information Systems for joint defense deployment and transportation community

Near-Term Objective:

Evolve TC-AIMS II into a single integrated IT system running multiple deployment and transportation applications to achieve ITV and TAV for Joint Commanders

PM, Transportation Information Systems Programs

Joint Migration Systems

TC-AIMS II
(ACAT IAM)
Transportation Coordinators' - Automated Information for Movements System

AALPS
(ACAT IV)
Automated Airload Planning System

Army Legacy Systems

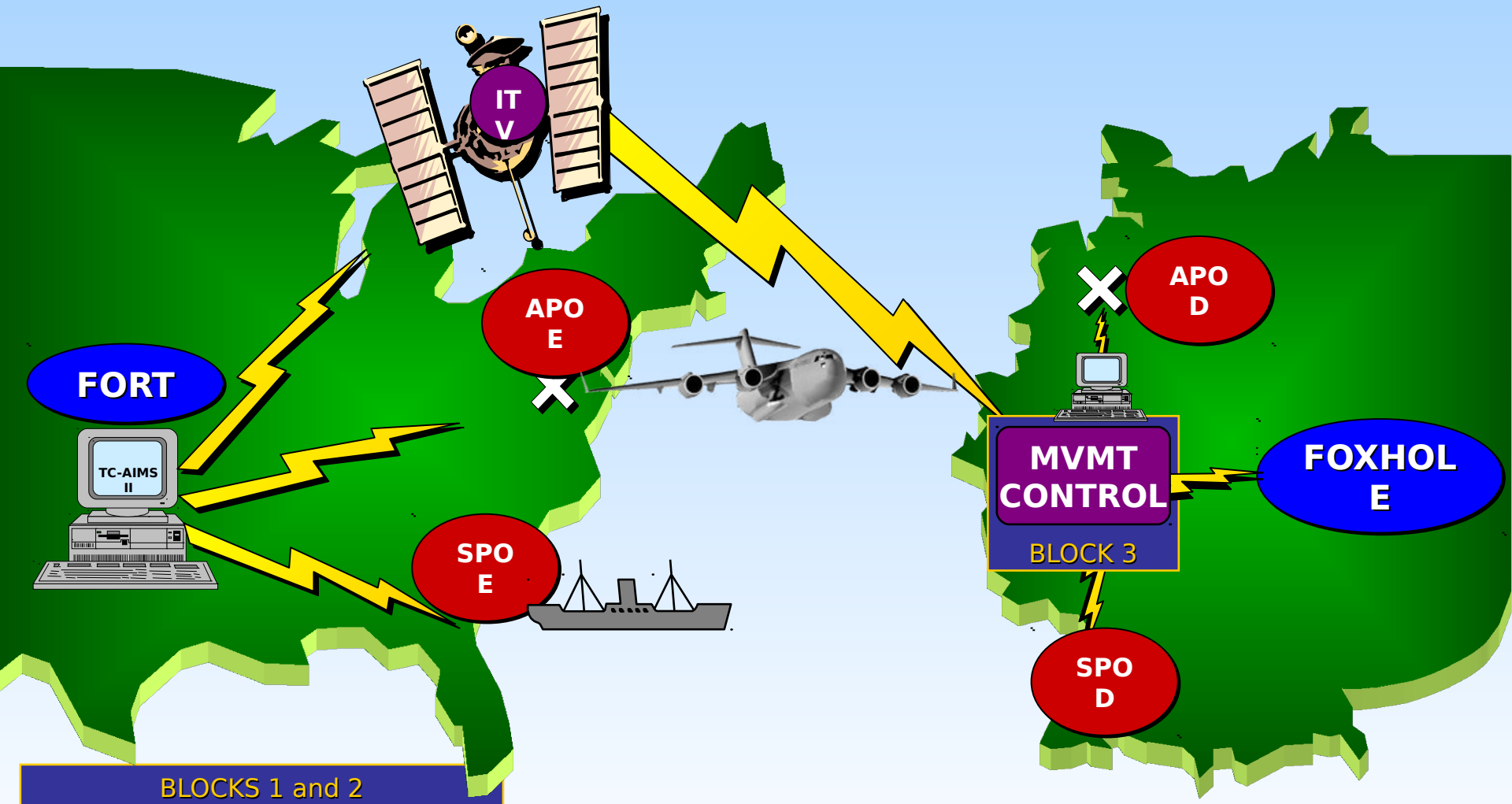
TC ACCIS
Transportation Coordinators Automated Command and Control Information System

TIS-TO
Transportation Information System-
Theater Operations
(Web-based version of DAMMS-R)

DAMMS-R
Department of the Army Movement Management System-Redesign

Requirements and Acquisition Strategy

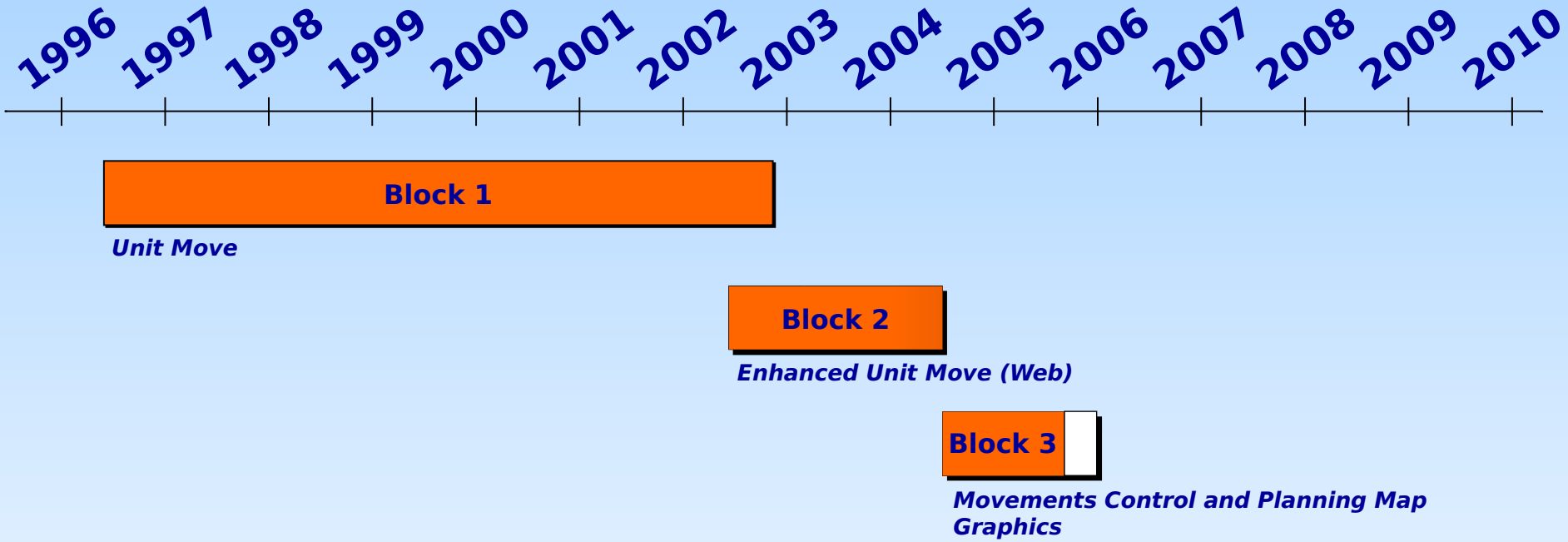
Operational View



BLOCKS 1 and 2

Unit Deployment

TC-AIMS II Acquisition Structure
(Funded Across POM)



Versatile System

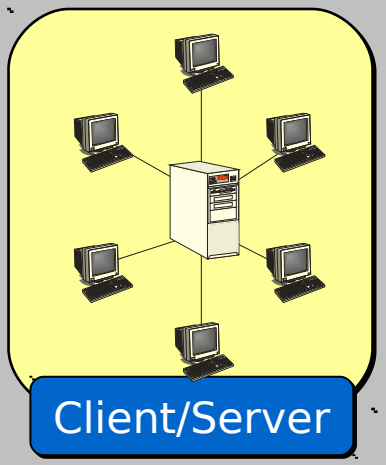
BLOCK 1

Standalone

- Supports user with limited or no network connectivity
- All TC-AIMS II components are installed on user's machine, including the database and application
- Data can be exported to a flat file and shared with other TC-AIMS II databases
- Iridium satellite connectivity to global networks

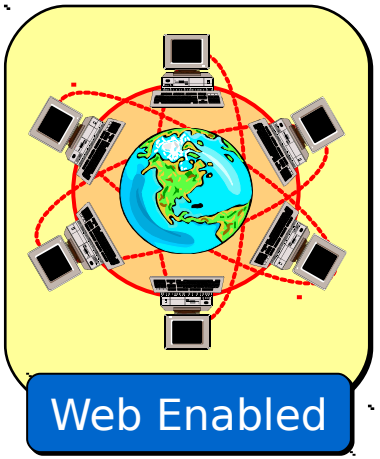
Workgroup

- TC-AIMS II machines connected as a workgroup support client/server or standalone operations
- Any machine with the database can be the server
- Any machine with the application can be a client
- Supports occasional connection to the tactical network for external system communications



Client/Server

- Supports users with network connectivity
- Each machine on the network is considered a client or a server
- Server machines typically contain only the TC-AIMS II database
- Client machines typically contain only the application and other system components



Web Enabled

- Enterprise System
- Co-hosted applications: TC-AIMS II, AALPS, ICODES, TIS-TO and DS2T
- Server consolidation
- Enhanced context sensitive help

BLOCK 2

TC-AIMS II
Information Assurance

Information Assurance

- System accredited as Sensitive but Unclassified (SBU)
- Has Certificate of Network worthiness
- Requires local administration of user TIS accounts
- ACERT process
  - TIS will test and post results on web site https://www.tis.army.mil/help.htm
  - Local SA will apply to local boxes
  - TIS will apply to enterprise

TCAIMS II USER ACCOUNT MANAGER (UAM)

- UAM manages all User Accounts for installation
- Suggested not lower than Brigade level
- Will have system administrative rights
- Designated by Commander (0-6 or higher)
- Responsibilities:
  - Creates User accounts
  - Creates User Job Profile
  - Tracks all users' status, constantly keeping system current
  - Modifies, deletes and adds all accounts
- Designation completed in MOA

TC-AIMS II Basis of Issue Plan and System Support

TC-AIMS II Typical Unit Move Hardware Distribution

Interrogator Set
J99233 AN/TYQ-95

Work Station
C27435 AN/TYQ-129(V)2

Server
C27367 AN/TYQ-129(V) 1

Label Printers
(Desktop and Portable)

RF Interrogator

Laser Printer w/ each Workstation

8146 Portable Data Terminal

TC-AIMS II Workstation
(with Laser Printer)

TC-AIMS II Server
(Transportation and Logistics Units only)

Separate Company

Company HQ

w/Printer

Battalion Level

S-3

w/Printer

S-4

w/Printer

Brigade Level and Higher

S-3

w/Printer

S-4

w/Printer

HHC

w/Printer

Training

Block 2 Training Courses

- TCAIMSII Unit Move I User Course
  - 9 training days per class
  - 20 students per class
  - Unit Movement Officers
- TCAIMSII Unit Move II User Course
  - 9 training days per class
  - 20 students per class
  - Battalion, Brigade, and ITO unit movement coordinators
- TCAIMSII System/Database Administrator
  - 5 training days per class
  - Maximum 10 students per class

Deployment Exercise

- Provides a collective training exercise for users to work in respective roles with installation or area business process with JPMO provided SMEs as exercise leaders and mentors
- Intended to train key users on how to conduct their own collective training
- Provides the installation to validate its intended deployment process
- Includes a scenario, procedures, checklists and descriptive information to exercise pre-deployment, deployment, and re-deployment of a Brigade size element

Deployment Exercise Participants

DE Participant	# Players	Role Players	Unit
ITO	3	OPS, FREIGHT, ADACG	
CORPS HQS	1	SUPPORTING HQS	
COSCOM HQS	1	SUPPORTING HQS	
COSCOM BN	1	SUPPORTING HQS	
COSCOM UNIT	1	DEPLOYING UNIT	
COSCOM MCT (PORT)	1	DEPLOYING UNIT	
CORPS SEP HQS	1	SUPPORTING HQS	
CORPS SEP BN	1	DEPLOYING UNIT	
CO OF CORPS SEP BN	1	DEPLOYING UNIT	
DIV HQS	1	SUPPORTING HQS	
DIV BDE	1	DEPLOYING UNIT	
DIV BN	1	DEPLOYING UNIT	
DIV CO	2	DEPLOYING UNIT	
USAR RRC	1	SUPPORTING HQS	
USAR UNIT	1	DEPLOYING UNIT	
NCARNG STARC	1	SUPPORTING HQS	
NCARNG UNIT	1	DEPLOYING UNIT	

Specific units to be coordinated during NMIB/Site Survey

Online Training Administration

Army Training Requirements and Resources System (ATRRS)

School code: 026

School name: Transportation Information School

Why ATRRS?

- Early determination for changes to training schedules based on student load
- Provide a record that commanders can review to determine who has been
  TC-AIMS II trained
- Verify student training attendance for calculating promotion points
- Increase attendance from the 30% to 50% levels that occurred with registration at the local level

➢ Provides course information, including training requirements

- Manages class schedule
- Allocates class quotas
- Makes seat reservations
- Records student attendance

Specific class quotas to be determined during workshops

ATRRS Registration Standards

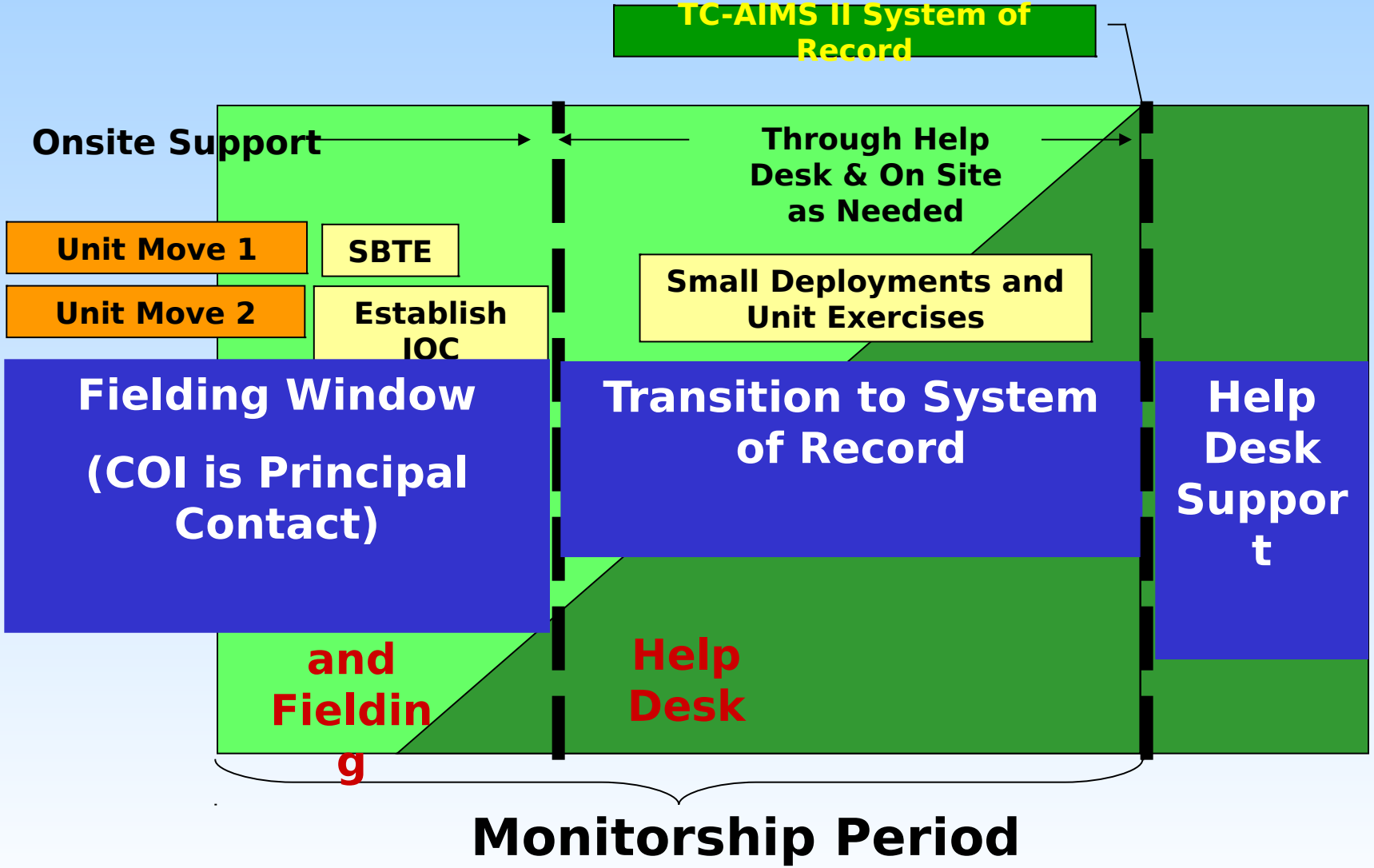
- **60 Days** prior to class start - **Classes 30% filled.**
  - If not, notice from TIS training coordinator to POCs
- **45 Days** prior to class start – **Classes 50% filled.**
  - If not, notice from TIS training coordinator identifying potential consolidations or cancellations
- **30 Days** prior to class start – **1st month's classes 70% filled with 100% registered students having Enterprise accounts requested and VARs on file with TIS Security Manager.**
  - If not, notice from TIS training coordinator identifying consolidations and cancellations
- **30 Days** prior to subsequent class start – **Classes 70% filled with 100% registered students having Enterprise accounts requested and VARs on file with TIS Security Manager.**

User Account Manager (UAM) Responsibilities

- UAMs should be designated by each brigade (or higher) before start of NET
- UAMs must be appointed in writing by 0-6 Commander (Memo needs to be submitted to TIS Help Desk)
- UAMs (once designated) are invited to attend Information Assurance (IA) Workshop that occurs during NMIB / Site Survey
- UAMs must submit User Account Request form and ensure that VAR (from the Unit security manager) is submitted for each student prior to training (Students without accounts will not be able to attend training)
- UAMs are of utmost importance to success of training

TC-AIMS II Fielding Process

Transition to System of Record



Fielding Planning Process

Calendar of Events

Action	Start Date	End Date
FCGC/Pre-site Survey	12 July 06	12 July 06
FORSCOM/DPMO BP Workshop		
Staff draft MOA before NMIB		
Installation NMIB/Survey		
Finalize MOA		
Initial Equipment Set up and Testing		
Hardware Required Delivery date		
Establish Job Profiles (user account) - UAMs		
Student Name/ ATRRS registration/security screening		
Identify SBT Participating Units		
UM1 and UM2 Training		
SA/DBA Training		
Data Completeness		
Deployment Exercise		
Fielding Complete		

TC-AIMS Fielding Preparation Process

ACTIVITY	TIMEFRAME
Pre-Site Survey • FCGC briefing • Pre-site survey working group • Draft MOA template provided	**Pre-Site Survey** • 240 days before fielding • 1 JPMO and 1 Service rep • 1-2 days duration
Site Survey • NMIB/Executive briefings • Coordinate and schedule fielding activities • Validate HW and training requirements • Complete MOA	**Site Survey** • 150 days before fielding • 1-2 JPMO rep(s) • 1 function rep • 1 training rep • 1 installation coordinator • 3-5 days duration • Data conversion coordinator
JPMO order HW and training	**75-90 days before fielding**

Actions Between FCGC and NMIB/Site Survey

- Finalize distribution plan with PM TIS
- Conduct Business Process Workshop with DPMO and FORSCOM
- Review and provide recommended changes to draft MOA
- Identify User Account Managers (UAMs)
- Determine unit allocations for training
- Identify fielding and training facilities

NMIB/Site Survey FOCUS

- Coordinate and schedule all events during fielding period
- Complete following events:
  - Conduct executive briefing for commanders
  - Conduct working group brief
  - Conduct working groups
    - Installation business process/ITO
    - Validate HW and training requirements
    - Schedule units for training
    - Coordinate detailed fielding schedule
    - DOIM/CIO/information assurance
  - Visit proposed facilities
- Finalize Memorandum of Agreement (MOA) for
  - Hardware distribution
  - Fielding and training schedule

NMIB/Site Survey Participants

NMIB/Executive Brief

- Commanders
- Operations Officers
- Logistics Officer
- STARC Representatives
- RSC Representatives
- **Installation Transportation Officer**
- Director of Logistics
- Force Integration Officers
- **Director of Information Management**
- Mobility Warrant Officers
- USASOC Representative(s)

Site Survey Working Group

- Force Integration Officers
- Major Unit training coordinators (AC, RC, NGB)
- Major Unit Information/Automation Officer
- Director of Information Management
- TC-ACCIS manager
- CSS/AMO
- Mobility Warrants
- Operations/Plans Officers
- Personnel/SIDPERS Representative
- USASOC Representative(s)

Information Needed at NMIB/Site Survey

- Installation deployment process information
  - Results of business process workshop
  - Physical move process from unit area until departure from installation
  - Functions performed at key points in process, and TC-AIMS II equipment required at each location
- Organizational structure by UIC
- Proposed facilities for fielding team
- Installation priorities for fielding and training
- Units that may be deployed or unavailable during fielding window
- Recommended changes to distribution plan
- List of designated UAMs for all Brigades and higher headquarters

Typical NMIB/Site Survey Schedule

Date	Time	Activity	Personnel to Attend
Day 1	0930-1130	TC-AIMS II Fielding and Business Process Briefings	ITO, Div G3/4/6, Sep Bde S3/4/6, all DST's, DOIM
	1300-1700	Information assurance and local administrator workshop	IASOs designated local SA; DOIM, Div G6 representative
Day 2	0830-1130	Coordination visit to DOL, DOIM, Distance Learning facility	ITO, Local SA, DOIM, Div G6, DTF Manager
	1300-1700	Major unit planning session (Div)	Div G3/4, DTO, Bde level S3/4
Day 3	0830-1130	Major unit planning session (Div)	Div G3/4, DTO, Bde level S3/4
	1300-1700	Major unit planning session (COSCOM)	G3/4, Bde level S3/4, Related Transportation staff
Day 4	0830-1130	USAR and USARNG planning session	TBD by NGB and USARC
	1300-1700	Separate Bde session	COSCOM Staff, Group/BN S3/4
Day 5	0930-1130	MOA scrub	Div G3/4, ITO, USAR. NGB, FORSCOM
	1330-1600	Separate Bde session	Div G3/4, Sep Bde S3/4, all DST's

TIS Key Personnel

https://www.tis.army.mil/

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